

## CSHARPTTEST1

**Ques 1 :** Which of the following statements are TRUE about the .NET CLR?

1. It provides a language-neutral development & execution environment.
2. It ensures that an application would not be able to access memory that it is not authorized to access.
3. It provides services to run "managed" applications.
4. The resources are garbage collected.
5. It provides services to run "unmanaged" applications.

- ☐ (A) Only 1 and 2
- ☐ (B) Only 1, 2 and 4
- ☐ (C) 1, 2, 3, 4
- ☐ (D) Only 4 and 5

**Ques 2 :** In data reader, what can be used before read method?

- ☐ (A) Getvalue
- ☐ (B) GetString
- ☐ (C) GetNumber
- ☐ (D) None

**Ques 3 :** What is ENUM?

- ☐ (A) It is used to initialize variables
- ☐ (B) It is used to define constants
- ☐ (C) It is used to define variables
- ☐ (D) None

**Ques 4 :** A variable which is declared inside a method is called a \_\_\_\_\_ variable

- ☐ (A) Local
- ☐ (B) Private
- ☐ (C) Static
- ☐ (D) Serial

**Ques 5 :** Can an Interface be instantiated directly?

- ☐ (A) Yes
- ☐ (B) No

**Ques 6 :** Which of the following are valid .NET CLR JIT performance counters?

1. Total memory used for JIT compilation
2. Average memory used for JIT compilation
3. Number of methods that failed to compile with the standard JIT
4. Percentage of processor time spent performing JIT compilation
5. Percentage of memory currently dedicated for JIT compilation

- ☐ (A) 1, 2
- ☐ (B) 1, 5
- ☐ (C) 3, 4
- ☐ (D) 4, 5

**Ques 7 : Automatic paging is possible in**

- ☐ (A) datareader
- ☐ (B) dataset
- ☐ (C) datatabel
- ☐ (D) all

**Ques 8 : What does Dispose method do with connection object?**

- ☐ (A) Close the connection
- ☐ (B) Temporary dispose the connection
- ☐ (C) Deletes it from the memory
- ☐ (D) All of the above

**Ques 9 : Feature of a local variable**

- ☐ (A) It must be declared within a method
- ☐ (B) It represent a class object
- ☐ (C) It can be used anywhere in the program
- ☐ (D) It must accept a class

**Ques 10 : What is the Difference between Convert.ToInt32 and Int.Parse?**

- ☐ (A) Both are Same
- ☐ (B) Convert.ToInt32 Can't Handle Null Values ,it will throws rgumentNullException error.
- ☐ (C) Int.Parse Can't Handle Null values , It will throws ArgumentException Error.
- ☐ (D) Both can Handle Null Values

**Ques 11 : Which of the following statements is correct about Managed Code?**

- ☐ (A) Managed code is the code that runs on top of Windows.
- ☐ (B) Managed code is the code that is written to target the services of the CLR.
- ☐ (C) Managed code is the code where resources are Garbage Collected.
- ☐ (D) Managed code is the code that is compiled by the JIT compilers.

**Ques 12 : What object can help you maintain data across users?**

- ☐ (A) Session object
- ☐ (B) Server Object
- ☐ (C) Response Object

- ☐ (D) Application Object

**Ques 13 :** Is it possible to change the value of a variable while debugging a C# application?

- ☐ (A) Yes
- ☐ (B) No

**Ques 14 :** Two methods with the same name but with different parameters.

- ☐ (A) Overloading
- ☐ (B) Multiplexing
- ☐ (C) Duplexing
- ☐ (D) Loading

**Ques 15 :** C# doesnot support:

- ☐ (A) abstraction
- ☐ (B) polymorphism
- ☐ (C) multiple inheritance
- ☐ (D) inheritance

**Ques 16 :** Which of the following utilities can be used to compile managed assemblies into processor-specific native code?

- ☐ (A) gacutil
- ☐ (B) ngen
- ☐ (C) sn
- ☐ (D) ildasm

**Ques 17 :** Which property will you use to process different server paths in a page?

- ☐ (A) Request
- ☐ (B) Response
- ☐ (C) Server
- ☐ (D) Application

**Ques 18 :** Are private class-level variables can inherited?

- ☐ (A) Yes, and we can access them
- ☐ (B) No, and we can not access them
- ☐ (C) Yes, but we can not access them
- ☐ (D) All of the above are wrong

**Ques 19 :** Is there any errors in this -> EmployeeMgmt constructor: `Public int EmployeeMgmt { emp_id = 100; }`

- ☐ (A) Return type
- ☐ (B) Formal parameters

- ☐ (C) No errors
- ☐ (D) Name

**Ques 20 : Which is true about Interface and abstract methods?**

- ☐ (A) We can write only one abstract method inside interface.
- ☐ (B) No method is abstract inside interface
- ☐ (C) All the methods inside Interface in an abstract method.
- ☐ (D) None of the above

## CSHARPTEST2

**Ques 1 : Which of the following are NOT true about .NET Framework?**

1. It provides a consistent object-oriented programming environment whether object code is stored and executed locally, executed locally but Internet-distributed, or executed remotely.
2. It provides a code-execution environment that minimizes software deployment and versioning conflicts.
3. It provides a code-execution environment that promotes safe execution of code, including code created by an unknown or semi-trusted third party.
4. It provides different programming models for Windows-based applications and Web-based applications.
5. It provides an event driven programming model for building Windows Device Drivers.

- ☐ (A) 1, 2
- ☐ (B) 2, 4
- ☐ (C) 4, 5
- ☐ (D) 1, 2, 4

**Ques 2 : Which file contains configuration data for each unique URI resource used in project?**

- ☐ (A) web.config
- ☐ (B) global.asax
- ☐ (C) webapplication.vsdisco
- ☐ (D) assemblyinfo.cs

**Ques 3 : Which of the following namespaces used in C#.NET?**

- ☐ (A) using System;
- ☐ (B) using System.Collections.Generic;
- ☐ (C) using System.Windows.Forms;
- ☐ (D) All of the above are used

**Ques 4 : If a class is using an interface, it must**

- ☐ (A) contain the same methods as the interface
- ☐ (B) inherit the properties of the interface
- ☐ (C) create an interface object
- ☐ (D) all of the above

**Ques 5 : Which keyword is used to achieve shadowing in C#?**

- ☐ (A) Abstract
- ☐ (B) New
- ☐ (C) Shadow
- ☐ (D) Sealed

**Ques 6 : Which of the following components of the .NET framework provide an extensible set of classes that can be used by any .NET compliant programming language?**

- ☐ (A) .NET class libraries
- ☐ (B) Common Language Infrastructure
- ☐ (C) Common Language Runtime
- ☐ (D) Common Type System

**Ques 7 : What is the wild card character in the SQL "like" statement?**

- ☐ (A) \* (Asterisk)
- ☐ (B) # (Pound)
- ☐ (C) % (Percent)
- ☐ (D) \$ (Dollar)

**Ques 8 : Which of the following are not types of access modifiers in C#?**

- ☐ (A) external protect
- ☐ (B) internal protect
- ☐ (C) protect
- ☐ (D) internal

**Ques 9 : What is the output of the code `public class B : A { }`**

- ☐ (A) It defines a class that inherits the public methods of A only.

☐ (B) It defines a class that inherits all the methods of A but the private members cannot be accessed.

☐ (C) Errors

☐ (D) a and b

**Ques 10 : Which of the following class cannot be inherited?**

☐ (A) Abstract

☐ (B) Sealed

☐ (C) Both

☐ (D) None

**Ques 11 : Which of the following jobs are NOT performed by Garbage Collector?**

1.Freeing memory on the stack.

2.Avoiding memory leaks.

3.Freeing memory occupied by unreferenced objects.

4.Closing unclosed database collections.

5.Closing unclosed files.

☐ (A) 1, 2, 3

☐ (B) 1, 4, 5

☐ (C) 3, 5

☐ (D) 3, 4

**Ques 12 : Identify which is true**

☐ (A) DataView is subset of row and not columns

☐ (B) find can be done only on sorted columns

☐ (C) Sorting can be done on multiple columns

☐ (D) None of these

**Ques 13 : Is it possible to store multiple data types in System.Array?**

☐ (A) Yes

☐ (B) No

**Ques 14 : Sealed Classes cannot be a base class.**

☐ (A) True

☐ (B) False

**Ques 15 : In C#, the statement that is used to replace multiple if statements is called?**

☐ (A) The nestedif statement

☐ (B) The #endif statement

☐ (C) The switch case statement

☐ (D) None of these

**Ques 16 :** Which of the following .NET components can be used to remove unused references from the managed heap?

- ☐ (A) Class Loader
- ☐ (B) Garbage Collector
- ☐ (C) CTS
- ☐ (D) CLR

**Ques 17 :** A master page is merged with a content page \_\_\_\_\_ in the page execution life cycle

- ☐ (A) Very early
- ☐ (B) Very late
- ☐ (C) Early
- ☐ (D) Late

**Ques 18 :** Which of the following is/are not types of arrays in C#?

- ☐ (A) Single-Dimensional
- ☐ (B) Multidimensional
- ☐ (C) Jazzed arrays
- ☐ (D) Jagged arrays

**Ques 19 :** \_\_\_\_\_ allow to encapsulate discrete units of functionality and provide a graphical representation of that functionality to the user

- ☐ (A) object
- ☐ (B) controls
- ☐ (C) class
- ☐ (D) graphics

**Ques 20 :** Which of these is a valid path declaration?

- ☐ (A) string strPath="c:\\abc.txt";
- ☐ (B) string strPath=@"c:\\abc.txt";
- ☐ (C) string strPath="c:/abc.txt";
- ☐ (D) All of these

- ☐ (C) string s = ..n Test string.;
- ☐ (D) string s = .n Test string.;

**Ques 17 :** Code that targets the Common Language Runtime is known as

- ☐ (A) Legacy
- ☐ (B) Managed Code

- ☐ (C) Unmanaged
- ☐ (D) Native Code

**Ques 18 :** Which method do you invoke on the SqlDataAdapter object to load your dataset with data?

- ☐ (A) Update
- ☐ (B) Fill
- ☐ (C) Gather
- ☐ (D) Load

**Ques 19 :** Which of the following is/are true about the structure?

- ☐ (A) Structures do not support Inheritance
- ☐ (B) Structures are value type
- ☐ (C) Structures can not have contractor
- ☐ (D) All of the above are true

**Ques 20 :** Difference between Convert.ToString() and ToString()

- ☐ (A) Convert.ToString() handle null values but ToString() don't
- ☐ (B) Convert.ToString() only handle null values
- ☐ (C) ToString() handle null values but Convert.ToString() don't
- ☐ (D) ToString() output as per format supplied

## CSHARPTTEST3

**Ques 1 :** Which of the following statements correctly define .NET Framework?

- ☐ (A) It is an environment for developing, building, deploying and executing Desktop Applications, Web Applications and Web Services.
- ☐ (B) It is an environment for developing, building, deploying and executing Distributed Applications.
- ☐ (C) It is an environment for development and execution of Windows applications.
- ☐ (D) It is an environment for developing, building, deploying and executing only Web Applications.

**Ques 2 :** A class that cannot be inherited is what type of class?

- ☐ (A) Sealed
- ☐ (B) Gather
- ☐ (C) Static
- ☐ (D) Constru

**Ques 3 :** How can we sort the elements of the array in descending order?

- ☐ (A) By calling Sortdescending() method
- ☐ (B) By calling Sort() method



- ☐ (C) By calling Sort() and then Reverse() methods
- ☐ (D) By calling Sortreverse() method

**Ques 4 : Features of Read only variables**

- ☐ (A) Declaration and initialization is separated
- ☐ (B) It is allocated at compile time
- ☐ (C) It is allocated at runtime
- ☐ (D) all of the above

**Ques 5 : What is the difference between Convert.ToString(str) and str.ToString() method?**

- ☐ (A) Convert.ToString(str) function handles NULL while str.ToString() does not. It will throw a NULL reference exception.
- ☐ (B) str.ToString() function handles NULL while Convert.ToString(str) does not. It will throw a NULL reference exception.
- ☐ (C) Both can handle NULL
- ☐ (D) None can Handle NULL

**Ques 6 : Which of the following constitutes the .NET Framework?**

1. ASP.NET Applications
2. CLR
3. Framework Class Library
4. WinForm Applications
5. Windows Services

- ☐ (A) 2, 5
- ☐ (B) 2, 1
- ☐ (C) 2, 3
- ☐ (D) 3, 4

**Ques 7 : Managed methods will be marked as ----- in MSIL code**

- ☐ (A) mscorjit
- ☐ (B) cil
- ☐ (C) dgclr
- ☐ (D) None

**Ques 8 : Which of the following is not service model (three-tier application) in c sharp?**

- ☐ (A) Presentation (UI)
- ☐ (B) Business (logic and underlying code)
- ☐ (C) Database (for storing the data)
- ☐ (D) Data (from storage or other sources)

**Ques 9 : An Event has \_\_\_\_\_ as default return type**

- ☐ (A) No return type for events
- ☐ (B) String
- ☐ (C) Double
- ☐ (D) Integer

**Ques 10 : What does a strong name contain?**

- ☐ (A) publiuc key
- ☐ (B) assembly name
- ☐ (C) assembly version
- ☐ (D) All of the above

**Ques 11 : Which of the following assemblies can be stored in Global Assembly Cache?**

- ☐ (A) Private Assemblies
- ☐ (B) Shared Assemblies
- ☐ (C) Protected Assemblies
- ☐ (D) Friend Assemblies

**Ques 12 : An assembly is**

- ☐ (A) declarative syntax of Java
- ☐ (B) properties of c#
- ☐ (C) events Of c#
- ☐ (D) A collection of files that appear to the programmer to be a single DLL or EXE.

**Ques 13 : Can we override private virtual methods?**

- ☐ (A) Yes
- ☐ (B) No

**Ques 14 : int keyword targets to which .Net type?**

- ☐ (A) System.Int8
- ☐ (B) System.Int16
- ☐ (C) System.Int32
- ☐ (D) System.Int64

**Ques 15 : How many web.config files that can be there an ASP.NET application?**

- ☐ (A) only one
- ☐ (B) more than one
- ☐ (C) only two
- ☐ (D) upto 10

**Ques 16 : Which of these string definitions will prevent escaping on backslashes in C#?**

- ☐ (A) string s = #.n Test string.;

- ☐ (B) string s = @.n Test string.;
- ☐ (C) string s = ..n Test string.;
- ☐ (D) string s = .n Test string.;

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## CSHARPTEST4

**Ques 1 :** Which of these statements correctly declares a two-dimensional array in C#?

- ☐ (A) int[][] myArray;
- ☐ (B) int[,] myArray;
- ☐ (C) System.Array[2] myArray;
- ☐ (D) int[2] myArray;

**Ques 2 :** Which of the following statements is correct about the .NET Framework?

- ☐ (A) .NET Framework uses COM+ services while creating Distributed Applications.
- ☐ (B) .NET Framework uses DCOM for creating unmanaged applications.

☐ (C) .NET Framework uses DCOM for making transition between managed and unmanaged code.

☐ (D) .NET Framework uses DCOM for achieving language interoperability

**Ques 3 : Which of following is correct**

☐ (A) enum Day{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}

☐ (B) Day{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}

☐ (C) enumeration Day{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}

☐ (D) Day enum{Sunday= 01,Monday= 02,Tuesday= 03,Wednesday=04,Thursday= 05,Friday= 06,Saturday=07}

**Ques 4 : Which of the following is/are not true about the class?**

☐ (A) Classes can have both contractors and destructors

☐ (B) Classes are reference type

☐ (C) Classes does not support Inheritance

☐ (D) All of the above are true

**Ques 5 : Boxing in .Net allows the user to convert**

☐ (A) a double type to interger

☐ (B) a interger type to double

☐ (C) a value type to a reference type

☐ (D) a reference type to a value type

**Ques 6 : If a method is marked as protected internal who can access it?**

☐ (A) Classes within the same assembly, and classes derived from the declaring class.

☐ (B) Internal methods can be only be called using reflection.

☐ (C) Only methods that are in the same class as the method in question.

☐ (D) Classes that are both in the same assembly and derived from the declaring class.

**Ques 7 : Which of the following is the root of the .NET type hierarchy?**

☐ (A) System.Object

☐ (B) System.Base

☐ (C) System.Root

☐ (D) System.Parent

**Ques 8 : In C#, by default structs are passed how?**

☐ (A) By reference.

☐ (B) By value.

- ☐ (C) By address.
- ☐ (D) By memory.

**Ques 9 : Polymorphism?**

- ☐ (A) Polymorphism means multiple forms and different name
- ☐ (B) Polymorphism means multiple forms but one name
- ☐ (C) Polymorphism means single forms and single name
- ☐ (D) All of the above are true

**Ques 10 : The RangeValidator control supports the following data types**

- ☐ (A) Integer only
- ☐ (B) Date, Integer and String
- ☐ (C) only string
- ☐ (D) Date and Integer

**Ques 11 : What is boxing?**

- ☐ (A) Encapsulating a value type in an object.
- ☐ (B) Encapsulating an object in a value type.
- ☐ (C) Encapsulating a copy of a value type in an object.
- ☐ (D) Encapsulating a copy of an object in a value type.

**Ques 12 : Which of the following benefits do we get on running managed code under CLR?**

1. Type safety of the code running under CLR is assured.
2. It is ensured that an application would not access the memory that it is not authorized to access.
3. It launches separate process for every application running under it.
4. The resources are Garbage collected.

- ☐ (A) Only 1, 2 and 4
- ☐ (B) Only 2, 3 and 4
- ☐ (C) Only 1 and 2
- ☐ (D) All of the above

**Ques 13 : Which of the following characters ends every C# statement?**

- ☐ (A) Period (.)
- ☐ (B) Colon (:)
- ☐ (C) Semicolon (;)
- ☐ (D) Comma (,)

**Ques 14 : How to kill a user session explicitly?**

- ☐ (A) Session.Discard()

- ☐ (B) Session.Close()
- ☐ (C) Session.Abandon()
- ☐ (D) Session.kill()

**Ques 15 :** What compiler switch creates an xml file from the xml comments in the files in an assembly?

- ☐ (A) /text
- ☐ (B) /xml
- ☐ (C) /doc
- ☐ (D) /help

**Ques 16 :** Which of the following security features can .NET applications avail?

1. PIN Security
2. Code Access Security
3. Role Based Security
4. Authentication Security
5. Biorhythm Security

- ☐ (A) 2, 5
- ☐ (B) 2, 3
- ☐ (C) 1, 4, 5
- ☐ (D) 3, 4

**Ques 17 :** You need to identify a type that meets the following criteria: Is always a number Is not greater than 65,535 Which type should you choose?

- ☐ (A) System.UInt16
- ☐ (B) System.IntPtr
- ☐ (C) Int
- ☐ (D) System.String

**Ques 18 :** Convert vs. Parse methods

- ☐ (A) Convert converts the value, Parse is for parsing
- ☐ (B) Convert allows null values, Parse cannot
- ☐ (C) Both are same
- ☐ (D) None of these

**Ques 19 :** What is a satellite Assembly?

- ☐ (A) A peripheral assembly designed to monitor permissions requests from an application.
- ☐ (B) An assembly containing localized resources for another assembly.
- ☐ (C) An assembly designed to alter the appearance or .skin. of an application.
- ☐ (D) Any DLL file used by an EXE file.

**Ques 20 :** Which of the following jobs are done by Common Language Runtime?

1. It provides core services such as memory management, thread management, and remoting.
2. It enforces strict type safety.
3. It provides Code Access Security.
4. It provides Garbage Collection Services.

- ☐ (A) Only 1 and 2
- ☐ (B) Only 3, 4
- ☐ (C) Only 2, 3 and 4
- ☐ (D) All of the above

## CSHARPTTEST5

**Ques 1 :** Which of the following statements are correct about a .NET Assembly?

1. It is the smallest deployable unit.
2. Each assembly has only one entry point - Main(), WinMain() or DLLMain().
3. An assembly can be a Shared assembly or a Private assembly.
4. An assembly can contain only code and data.
5. An assembly is always in the form of an EXE file.

- ☐ (A) 1, 3, 5
- ☐ (B) 1, 2, 3
- ☐ (C) 2, 4, 5
- ☐ (D) 1, 2

**Ques 2 :** Your company uses Visual Studio.NET 2005 as its application development platform. You are developing an application using the .NET Framework 2.0. You are required to use a datatype that will store only numbers ranging from -32,768 to 32,767. Which of the following datatypes will you use to accomplish the task?

- ☐ (A) short
- ☐ (B) System.Int16
- ☐ (C) string
- ☐ (D) a and b

**Ques 3 :** Different ways a method can be overloaded in C#.NET

- ☐ (A) Different parameter data types
- ☐ (B) Different order of parameters
- ☐ (C) Different number of parameters
- ☐ (D) All of above

**Ques 4 :** What is a delegate?

- ☐ (A) A reference to an object in a different process.

- ☐ (B) A strongly typed function pointer.
- ☐ (C) An inter-process message channel.
- ☐ (D) A light weight thread or process that can call a single method.

**Ques 5 :** How does assembly versioning in .NET prevent DLL Hell?

- ☐ (A) The runtime checks to see that only one version of an assembly is on the machine at any one time.
- ☐ (B) The compiler offers compile time checking for backward compatibility.
- ☐ (C) .NET allows assemblies to specify the name AND the version of any assemblies they need to run.
- ☐ (D) It doesn't.

**Ques 6 :** Which of the following statements is correct about the C#.NET program given below?  
namespace PskillsConsoleApplication

```
{
    class Baseclass
    {
        int i;
        public Baseclass(int ii)
        {
            i = ii;
            Console.Write("Base ");
        }
    }
    class Derived : Baseclass
    {
        public Derived(int ii) : base(ii)
        {
            Console.Write("Derived ");
        }
    }
    class MyProgram
    {
        static void Main(string[ ] args)
        {
            Derived d = new Derived(10);
        }
    }
}
```

- ☐ (A) The program will report an error in the statement base(ii).
- ☐ (B) The program will work correctly if we replace base(ii) with base.Baseclass(ii).
- ☐ (C) The program will output: Base Derived
- ☐ (D) The program will work correctly only if we implement zero-argument constructors in Baseclass as well as Derived class.



**Ques 7 :** Which Gang of Four design pattern is shown below?

```
public class A {  
    private A instance;  
    private A() {  
    }  
    public  
    static A Instance {  
        get  
        {  
            if ( A == null )  
                A = new A();  
            return instance;  
        }  
    }  
}
```

- ☐ (A) Abstract Factory
- ☐ (B) Singleton
- ☐ (C) Builder
- ☐ (D) Factory

**Ques 8 :** Which of the following statements is correct?

- ☐ (A) A constructor can be used to set default values and limit instantiation.
- ☐ (B) Destructors are used with classes as well as structures.
- ☐ (C) A class can have more than one destructor.
- ☐ (D) C# provides a copy constructor.

**Ques 9 :** In the NUnit test framework, which attribute must adorn a test class in order for it to be picked up by the NUnit GUI?

- ☐ (A) TestFixtureAttribute
- ☐ (B) TestClassAttribute
- ☐ (C) TestAttribute
- ☐ (D) NUnitTestClassAttribute

**Ques 10 :** Which of the following statements is correct about the C#.NET code snippet given below?

```
namespace PskillsConsoleApplication  
{  
    class Sample  
    {  
        public int func()  
        {  
            return 1;  
        }  
    }  
}
```

```

    }
    public Single func()
    {
        return 2.4f ;
    }
}
class Program
{
    static void Main(string[ ] args)
    {
        Sample s1 = new Sample();
        int i;
        i = s1.func();
        Single j;
        j = s1.func();
    }
}
}

```

- ☐ (A) func() is a valid overloaded function.
- ☐ (B) func() cannot be considered overloaded because: return value cannot be used to distinguish between two overloaded functions.
- ☐ (C) Overloading works only in case of subroutines and not in case of functions.
- ☐ (D) The call j = s1.func() will assign 2.4 to j.

**Ques 11 :** When doing an Update, which method of the SqlCommand is best to use?

- ☐ (A) ExecuteQuery
- ☐ (B) ExecuteUpdate
- ☐ (C) ExecuteNonQuery
- ☐ (D) ExecuteCommand

**Ques 12 :** Which of the following ways to create an object of the Sample class given below will work correctly?

```

class Sample
{
    int i;
    Single j;
    double k;
    public Sample (int ii, Single jj, double kk)
    {
        i = ii;
        j = jj;
        k = kk;
    }
}

```

- ☐ (A) Sample s3 = new Sample(10, 1.2f, 2.4);
- ☐ (B) Sample s2 = new Sample(10, 1.2f);
- ☐ (C) Sample s1 = new Sample(, , 2.5);
- ☐ (D) Sample s1 = new Sample(10);

**Ques 13 :** Which of the following statements are correct about static functions?

1. Static functions can access only static data.
2. Static functions cannot call instance functions.
3. It is necessary to initialize static data.
4. Instance functions can call static functions and access static data.
5. This reference is passed to static functions.

- ☐ (A) 1, 2, 3
- ☐ (B) 1, 2, 5
- ☐ (C) 1, 2, 4
- ☐ (D) 2, 3, 5

**Ques 14 :** The company uses Visual Studio .NET as its application development platform. You are creating a strong named MyAssembly that will be used in several applications. The assembly will be rebuilt frequently during the development cycle. You must ensure that every time MyAssembly is rebuilt it works properly with all applications that use it. You are required to configure the computer on which you develop the assembly such that each application uses the latest build of MyAssembly. Which of the following actions will you take to accomplish the task?

- ☐ (A) Add the following element to the configuration file of every application that uses the assembly
- ☐ (B) Add the following element to the machine configuration file
- ☐ (C) To point to the build output directory for the strong named assembly, create a DEVPATH environment variable.
- ☐ (D) B and C

**Ques 15 :** Which of the following statements is correct about constructors?

- ☐ (A) Static constructors can use optional arguments.
- ☐ (B) Overloaded constructors cannot use optional arguments.
- ☐ (C) If we provide a one-argument constructor then the compiler still provides a zero-argument constructor.
- ☐ (D) If we do not provide a constructor, then the compiler provides a zero-argument constructor.

**Ques 16 :** Your company uses Visual Studio .NET as its application development platform. You have recently finished development of a class named ShopList using the .NET Framework. The class will include ShopItem objects that have the public properties exhibit below:

1. Name

- 2. ID
- 3. DiscountCode

You need to enable users of the class to iterate through the ShopList collection, and to list each product's name and ID using the foreach statement. Which of the following code segments will you use to accomplish this task?

- ☐ (A) public class ShopList : IEnumerator, IEnumerable { // Class implementation }
- ☐ (B) public class ShopList : IBindingList { // Class implementation }
- ☐ (C) public class ShopList : ICollection { // Class implementation }
- ☐ (D) public class ShopList : IDictionary { // Class implementation }

**Ques 17 :** Is it possible to invoke Garbage Collector explicitly?

- ☐ (A) Yes
- ☐ (B) No

**Ques 18 :** The uniqueId that gets generated at the start of the Session is stored in

- ☐ (A) Client computer as a cookie
- ☐ (B) Server machine
- ☐ (C) Passed to and fro on each and every request and response
- ☐ (D) Both a and b are correct

**Ques 19 :** Which of the following statements are correct about the C#.NET code snippet given below?

```
class Sample
{
    static int i;
    int j;
    public void proc1()
    {
        i = 11;
        j = 22;
    }
    public static void proc2()
    {
        i = 1;
        j = 2;
    }
    static Sample()
    {
        i = 0;
        j = 0;
    }
}
```

- ☐ (A) j can be initialized in proc2().
- ☐ (B) i cannot be initialized in proc1().
- ☐ (C) proc1() can initialize i as well as j.
- ☐ (D) proc2() can initialize i as well as j.

**Ques 20 :** What property is used on the datatable to indicate conflicts after update method is called?

- ☐ (A) HasCollision
- ☐ (B) HasErrorConflict
- ☐ (C) HasError
- ☐ (D) HasDataError